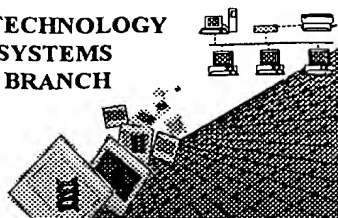


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/810,601A
Source: 1600 Rust
Date Processed by STIC: 1/15/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



1600

RAW SEQUENCE LISTING

DATE: 01/15/2003

PATENT APPLICATION: US/09/810,601A

TIME: 18:15:08

Input Set : A:\D2947CIP 021211.ST25.txt

Output Set: N:\CRF4\01152003\I810601A.raw

3 <110> APPLICANT: Allergan Sales, Inc.
 4 Donovan, Stephen
 6 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING GONADOTROPHIN RELATED ILLNESSES
 8 <130> FILE REFERENCE: D-2947-CIP
 10 <140> CURRENT APPLICATION NUMBER: 09/810,601A
 11 <141> CURRENT FILING DATE: 2001-03-15
 13 <150> PRIOR APPLICATION NUMBER: 09/692,811
 14 <151> PRIOR FILING DATE: 2000-10-20
 16 <160> NUMBER OF SEQ ID NOS: 52
 18 <170> SOFTWARE: PatentIn version 3.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 10
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Homo sapiens
 25 <220> FEATURE:
 26 <221> NAME/KEY: MISC_FEATURE
 27 <222> LOCATION: (1)..(1)
 28 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 31 <400> SEQUENCE: 1
 W--> 33 Xaa His Trp Ser Tyr Gly Leu Arg Pro Gly
 34 1 5 10
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 10
 39 <212> TYPE: PRT
 40 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 45 <220> FEATURE:
 46 <221> NAME/KEY: MISC_FEATURE
 47 <222> LOCATION: (1)..(1)
 48 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 51 <220> FEATURE:
 52 <221> NAME/KEY: MISC_FEATURE
 53 <222> LOCATION: (10)..(10)
 54 <223> OTHER INFORMATION: Xaa at position 1 is Gly-NH2
 57 <400> SEQUENCE: 2
 W--> 59 Xaa His Trp Ser Tyr Gly Leu Arg Pro Xaa
 60 1 5 10
 63 <210> SEQ ID NO: 3
 64 <211> LENGTH: 10
 65 <212> TYPE: PRT
 66 <213> ORGANISM: Artificial Sequence
 68 <220> FEATURE:

Does Not Comply
 Corrected Diskette Needed

pp 1-6

RAW SEQUENCE LISTING

DATE: 01/15/2003

PATENT APPLICATION: US/09/810,601A

TIME: 18:15:08

Input Set : A:\D2947CIP 021211.ST25.txt

Output Set: N:\CRF4\01152003\I810601A.raw

69 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 71 <220> FEATURE:
 72 <221> NAME/KEY: MISC_FEATURE
 73 <222> LOCATION: (1)..(1)
 74 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 77 <220> FEATURE:
 78 <221> NAME/KEY: MISC_FEATURE
 79 <222> LOCATION: (10)..(10)
 80 <223> OTHER INFORMATION: Xaa at position 10 is ethylamide
 83 <400> SEQUENCE: 3

W--> 85 Xaa His Trp Ser Tyr Gly Leu Arg Pro Xaa
 86 1 5 10
 89 <210> SEQ ID NO: 4
 90 <211> LENGTH: 10
 91 <212> TYPE: PRT
 92 <213> ORGANISM: Artificial Sequence
 94 <220> FEATURE:
 95 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 97 <220> FEATURE:
 98 <221> NAME/KEY: MISC_FEATURE
 99 <222> LOCATION: (1)..(1)
 100 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 103 <220> FEATURE:
 104 <221> NAME/KEY: MISC_FEATURE
 105 <222> LOCATION: (10)..(10)
 106 <223> OTHER INFORMATION: Xaa at position 10 is Aza-Gly-NH2
 109 <400> SEQUENCE: 4

OK> 111 Xaa His Trp Ser Tyr Gly Leu Arg Pro Xaa
 112 1 5 10
 115 <210> SEQ ID NO: 5
 116 <211> LENGTH: 10
 117 <212> TYPE: PRT
 118 <213> ORGANISM: Artificial Sequence
 120 <220> FEATURE:
 121 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 123 <220> FEATURE:
 124 <221> NAME/KEY: MISC_FEATURE
 125 <222> LOCATION: (1)..(1)
 126 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 129 <220> FEATURE:
 130 <221> NAME/KEY: MISC_FEATURE
 131 <222> LOCATION: (10)..(10)
 132 <223> OTHER INFORMATION: Xaa at position 10 is Gly-NH2
 135 <400> SEQUENCE: 5

OK> 137 Xaa His Trp Ser Tyr Lys Leu Arg Pro Xaa
 138 1 5 10
 141 <210> SEQ ID NO: 6
 142 <211> LENGTH: 10
 143 <212> TYPE: PRT

*Xaa can only
 represent
 a single
 amino acid,
 nothing else*

RAW SEQUENCE LISTING

DATE: 01/15/2003

PATENT APPLICATION: US/09/810,601A

TIME: 18:15:08

Input Set : A:\D2947CIP 021211.ST25.txt

Output Set: N:\CRF4\01152003\I810601A.raw

144 <213> ORGANISM: Artificial Sequence
 146 <220> FEATURE:
 147 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 149 <220> FEATURE:
 150 <221> NAME/KEY: MISC_FEATURE
 151 <222> LOCATION: (1)..(1)
 152 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 155 <220> FEATURE:
 156 <221> NAME/KEY: MISC_FEATURE
 157 <222> LOCATION: (10)..(10)
 158 <223> OTHER INFORMATION: Xaa at position 10 is ethylamide
 161 <400> SEQUENCE: 6
W--> 163 Xaa His Trp Ser Tyr Lys Leu Arg Pro Xaa
 164 1 5 10
 167 <210> SEQ ID NO: 7
 168 <211> LENGTH: 10
 169 <212> TYPE: PRT
 170 <213> ORGANISM: Artificial Sequence
 172 <220> FEATURE:
 173 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 175 <220> FEATURE:
 176 <221> NAME/KEY: MISC_FEATURE
 177 <222> LOCATION: (1)..(1)
 178 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 181 <220> FEATURE:
 182 <221> NAME/KEY: MISC_FEATURE
 183 <222> LOCATION: (10)..(10)
 184 <223> OTHER INFORMATION: Xaa at position 10 is Aza-Gly-NH2
 187 <400> SEQUENCE: 7
OK--> 189 Xaa His Trp Ser Tyr Lys Leu Arg Pro Xaa
 190 1 5 10
 193 <210> SEQ ID NO: 8
 194 <211> LENGTH: 10
 195 <212> TYPE: PRT
 196 <213> ORGANISM: Artificial Sequence
 198 <220> FEATURE:
 199 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 201 <220> FEATURE:
 202 <221> NAME/KEY: MISC_FEATURE
 203 <222> LOCATION: (1)..(1)
 204 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 207 <220> FEATURE:
 208 <221> NAME/KEY: MISC_FEATURE
 209 <222> LOCATION: (6)..(6)
 210 <223> OTHER INFORMATION: Xaa at position 6 is D-Lys
 213 <220> FEATURE:
 214 <221> NAME/KEY: MISC_FEATURE
 215 <222> LOCATION: (10)..(10)
 216 <223> OTHER INFORMATION: Xaa at position 10 is Gly-NH2

RAW SEQUENCE LISTING

DATE: 01/15/2003

PATENT APPLICATION: US/09/810,601A

TIME: 18:15:08

Input Set : A:\D2947CIP 021211.ST25.txt

Output Set: N:\CRF4\01152003\I810601A.raw

219 <400> SEQUENCE: 8
 W--> 221 Xaa His Trp Ser Tyr Xaa Leu Arg Pro Xaa
 222 1 5 10
 225 <210> SEQ ID NO: 9
 226 <211> LENGTH: 10
 227 <212> TYPE: PRT
 228 <213> ORGANISM: Artificial Sequence
 230 <220> FEATURE:
 231 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 233 <220> FEATURE:
 234 <221> NAME/KEY: MISC_FEATURE
 235 <222> LOCATION: (1)..(1)
 236 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 239 <220> FEATURE:
 240 <221> NAME/KEY: MISC_FEATURE
 241 <222> LOCATION: (6)..(6)
 242 <223> OTHER INFORMATION: Xaa at position 6 is D-Lys
 245 <220> FEATURE:
 246 <221> NAME/KEY: MISC_FEATURE
 247 <222> LOCATION: (10)..(10)
 248 <223> OTHER INFORMATION: Xaa at position 10 is ethylamide
 251 <400> SEQUENCE: 9
 W--> 253 Xaa His Trp Ser Tyr Xaa Leu Arg Pro Xaa
 254 1 5 10
 257 <210> SEQ ID NO: 10
 258 <211> LENGTH: 10
 259 <212> TYPE: PRT
 260 <213> ORGANISM: Artificial Sequence
 262 <220> FEATURE:
 263 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 265 <220> FEATURE:
 266 <221> NAME/KEY: MISC_FEATURE
 267 <222> LOCATION: (1)..(1)
 268 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 271 <220> FEATURE:
 272 <221> NAME/KEY: MISC_FEATURE
 273 <222> LOCATION: (6)..(6)
 274 <223> OTHER INFORMATION: Xaa at position 6 is D-Lys
 277 <220> FEATURE:
 278 <221> NAME/KEY: MISC_FEATURE
 279 <222> LOCATION: (10)..(10)
 280 <223> OTHER INFORMATION: Xaa at position 10 is Aza-Gly-NH2
 283 <400> SEQUENCE: 10
 W--> 285 Xaa His Trp Ser Tyr Xaa Leu Arg Pro Xaa
 286 1 5 10
 289 <210> SEQ ID NO: 11
 290 <211> LENGTH: 10
 291 <212> TYPE: PRT
 292 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

DATE: 01/15/2003

PATENT APPLICATION: US/09/810,601A

TIME: 18:15:08

Input Set : A:\D2947CIP 021211.ST25.txt

Output Set: N:\CRF4\01152003\I810601A.raw

294 <220> FEATURE:
 295 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 297 <220> FEATURE:
 298 <221> NAME/KEY: MISC_FEATURE
 299 <222> LOCATION: (1)..(1)
 300 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 303 <220> FEATURE:
 304 <221> NAME/KEY: MISC_FEATURE
 305 <222> LOCATION: (6)..(6)
 306 <223> OTHER INFORMATION: Xaa at position 6 is Ornithine
 309 <220> FEATURE:
 310 <221> NAME/KEY: MISC_FEATURE
 311 <222> LOCATION: (10)..(10)
 312 <223> OTHER INFORMATION: Xaa at position 10 is Gly-NH2
 315 <400> SEQUENCE: 11
 (W) 317 Xaa His Trp Ser Tyr Xaa Leu Arg Pro Xaa
 318 1 5 10
 321 <210> SEQ ID NO: 12
 322 <211> LENGTH: 10
 323 <212> TYPE: PRT
 324 <213> ORGANISM: Artificial Sequence
 326 <220> FEATURE:
 327 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 329 <220> FEATURE:
 330 <221> NAME/KEY: MISC_FEATURE
 331 <222> LOCATION: (1)..(1)
 332 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 335 <220> FEATURE:
 336 <221> NAME/KEY: MISC_FEATURE
 337 <222> LOCATION: (6)..(6)
 338 <223> OTHER INFORMATION: Xaa at position 6 is Ornithine
 341 <220> FEATURE:
 342 <221> NAME/KEY: MISC_FEATURE
 343 <222> LOCATION: (10)..(10)
 344 <223> OTHER INFORMATION: Xaa at position 10 is ethylamide
 347 <400> SEQUENCE: 12
 W--> 349 Xaa His Trp Ser Tyr Xaa Leu Arg Pro Xaa
 350 1 5 10
 353 <210> SEQ ID NO: 13
 354 <211> LENGTH: 10
 355 <212> TYPE: PRT
 356 <213> ORGANISM: Artificial Sequence
 358 <220> FEATURE:
 359 <223> OTHER INFORMATION: Gonadotrophin Release Hormone Analogue
 361 <220> FEATURE:
 362 <221> NAME/KEY: MISC_FEATURE
 363 <222> LOCATION: (1)..(1)
 364 <223> OTHER INFORMATION: Xaa at position 1 is PyroGlu
 367 <220> FEATURE:

Please
 correct this
 error in
 subsequent
 sequences.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/15/2003
PATENT APPLICATION: US/09/810,601A TIME: 18:15:09

Input Set : A:\D2947CIP 021211.ST25.txt
Output Set: N:\CRF4\01152003\I810601A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1
Seq#:2; Xaa Pos. 1,10
Seq#:3; Xaa Pos. 1,10
Seq#:4; Xaa Pos. 1,10
Seq#:5; Xaa Pos. 1,10
Seq#:6; Xaa Pos. 1,10
Seq#:7; Xaa Pos. 1,10
Seq#:8; Xaa Pos. 1,6,10
Seq#:9; Xaa Pos. 1,6,10
Seq#:10; Xaa Pos. 1,6,10
Seq#:11; Xaa Pos. 1,6,10
Seq#:12; Xaa Pos. 1,6,10
Seq#:13; Xaa Pos. 1,6,10
Seq#:14; Xaa Pos. 1,6,10
Seq#:15; Xaa Pos. 1,6,10
Seq#:16; Xaa Pos. 1,6,10
Seq#:17; Xaa Pos. 1,10
Seq#:18; Xaa Pos. 1,10
Seq#:19; Xaa Pos. 1,10
Seq#:20; Xaa Pos. 1,6,10
Seq#:21; Xaa Pos. 1,6,10
Seq#:22; Xaa Pos. 1,6,10
Seq#:23; Xaa Pos. 1,10
Seq#:24; Xaa Pos. 1,10
Seq#:25; Xaa Pos. 1,10
Seq#:26; Xaa Pos. 1,6,10
Seq#:27; Xaa Pos. 1,6,10
Seq#:28; Xaa Pos. 1,6,10
Seq#:29; Xaa Pos. 1,10
Seq#:30; Xaa Pos. 1,10
Seq#:31; Xaa Pos. 1,10
Seq#:32; Xaa Pos. 1,6,10
Seq#:33; Xaa Pos. 1,6,10
Seq#:34; Xaa Pos. 1,6,10
Seq#:35; Xaa Pos. 1,10
Seq#:36; Xaa Pos. 1,10
Seq#:37; Xaa Pos. 1,10
Seq#:38; Xaa Pos. 1,6,10
Seq#:39; Xaa Pos. 1,6,10
Seq#:40; Xaa Pos. 1,6,10
Seq#:46; Xaa Pos. 1,6,10
Seq#:51; Xaa Pos. 2,3,5

VERIFICATION SUMMARY

DATE: 01/15/2003

PATENT APPLICATION: US/09/810,601A

TIME: 18:15:09

Input Set : A:\D2947CIP 021211.ST25.txt

Output Set: N:\CRF4\01152003\I810601A.raw

L:33 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:651 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:793 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:825 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:1051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:1141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0